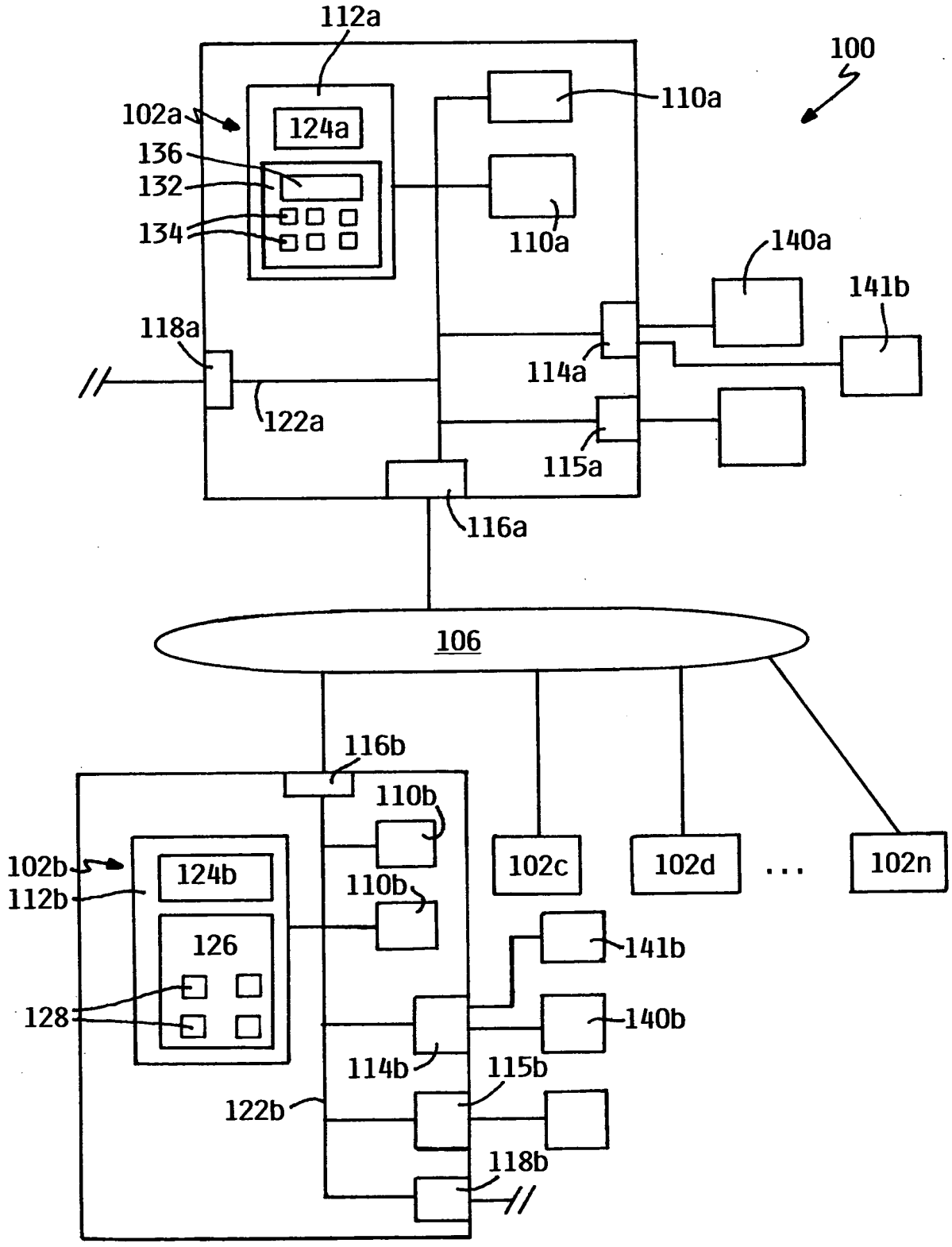
112a
100
102a
124a
136
132
134
110a
110a
140a
141b
118a
114a
122a
115a
116a
106
116b
110b
102b
124b
112b
110b
102c
102d
...
102n
126
141b
128
140b
114b
115b
122b
118b

FIG. 1

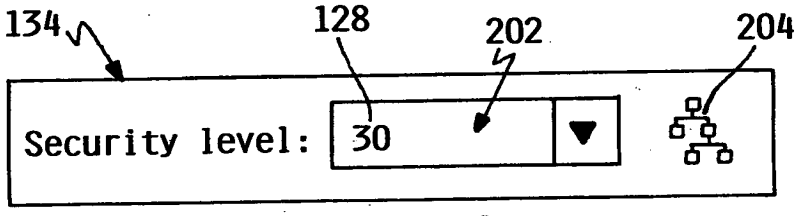

FIG. 2A

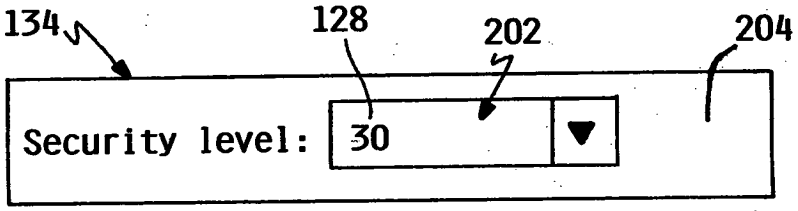

FIG. 2B

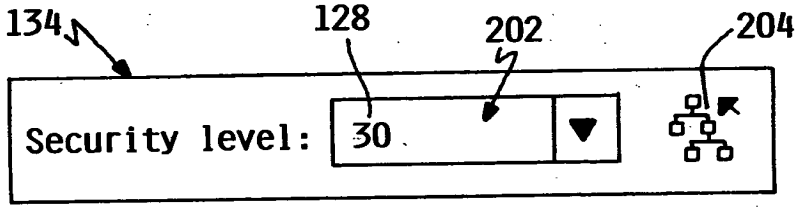

FIG. 2C

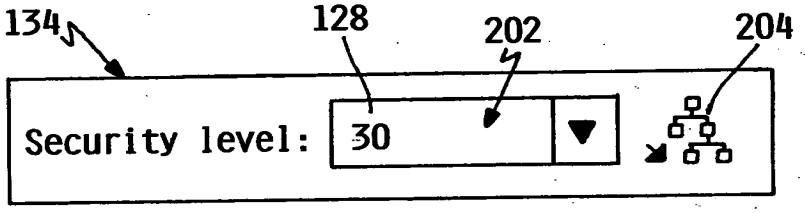

FIG. 2D

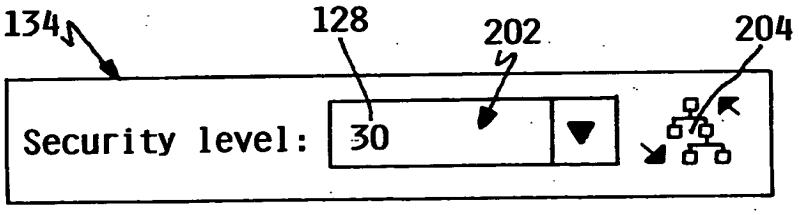

FIG. 2E

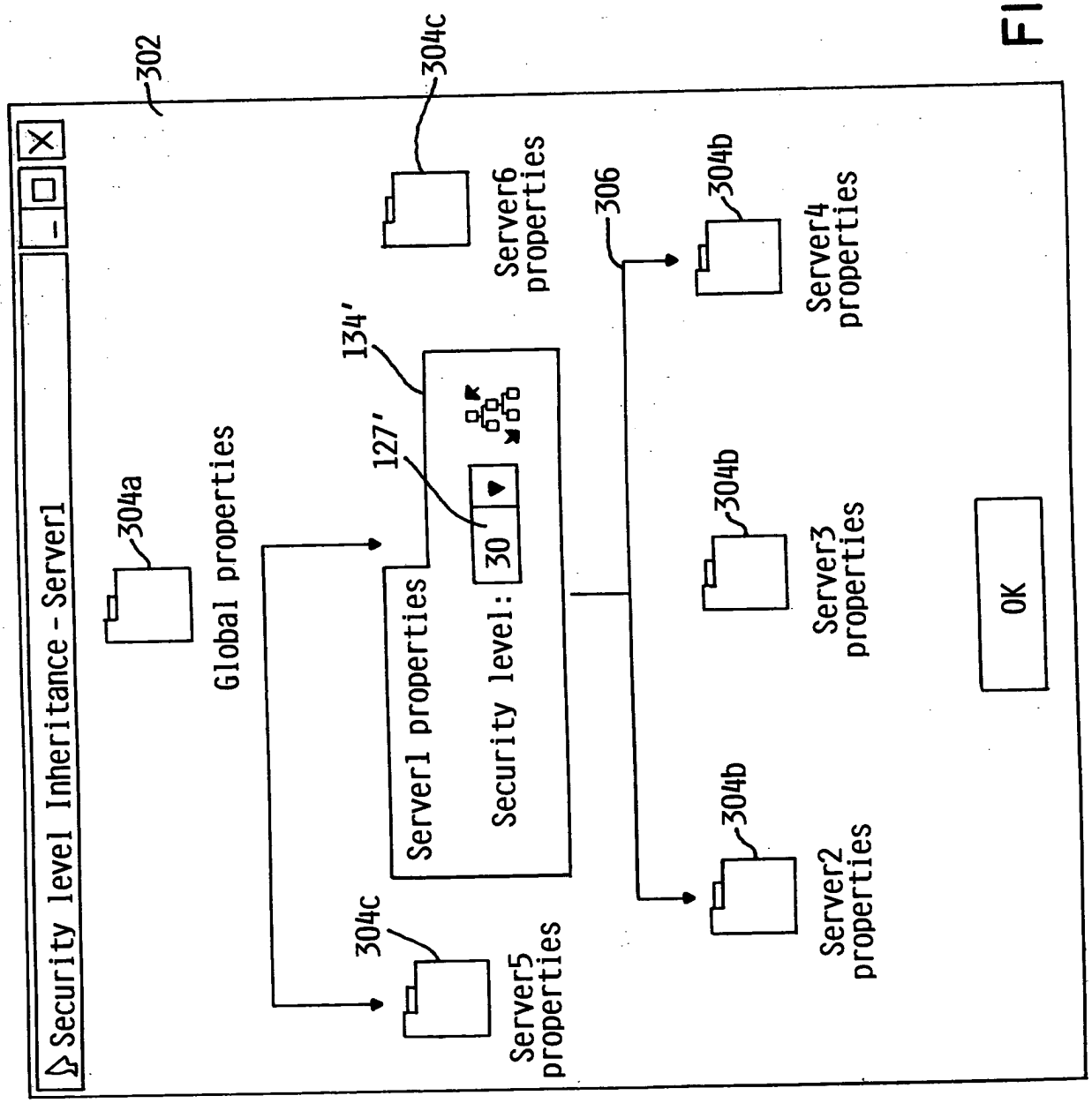
Security level Inheritance - Server1
302
304a
Global properties
304c
Server6 properties
134'
127'
Server1 properties
Security level:
30
304c
Server5 properties
306
304b
Server4 properties
304b
Server3 properties
304b
Server2 properties
OK

FIG. 3A

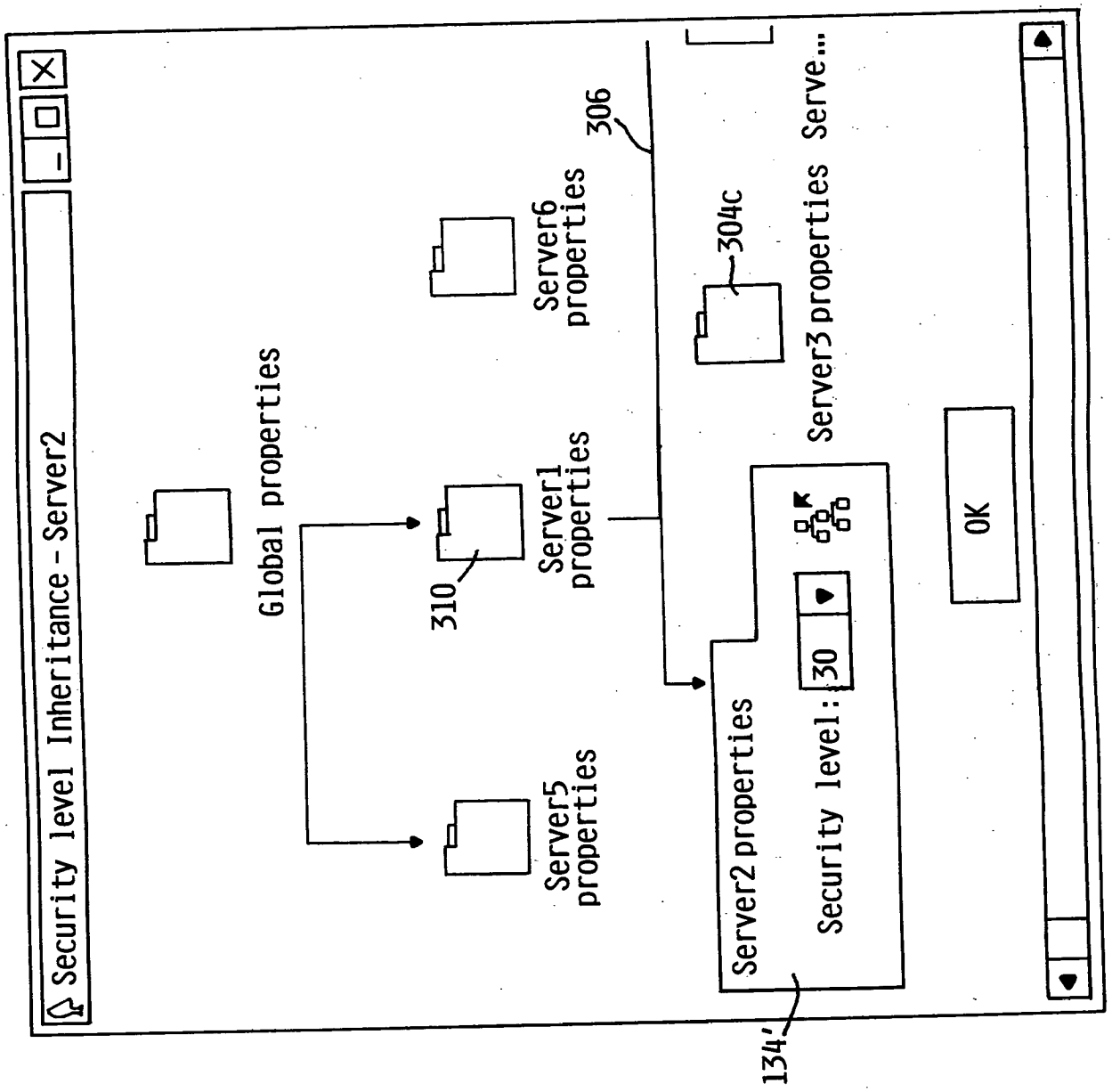
Security level Inheritance - Server2
Global properties
Server5 properties
310
Server1 properties
306
Server6 properties
304c
Server3 properties
Serve...
Server2 properties
Security level:
30
OK
134'

FIG. 3B

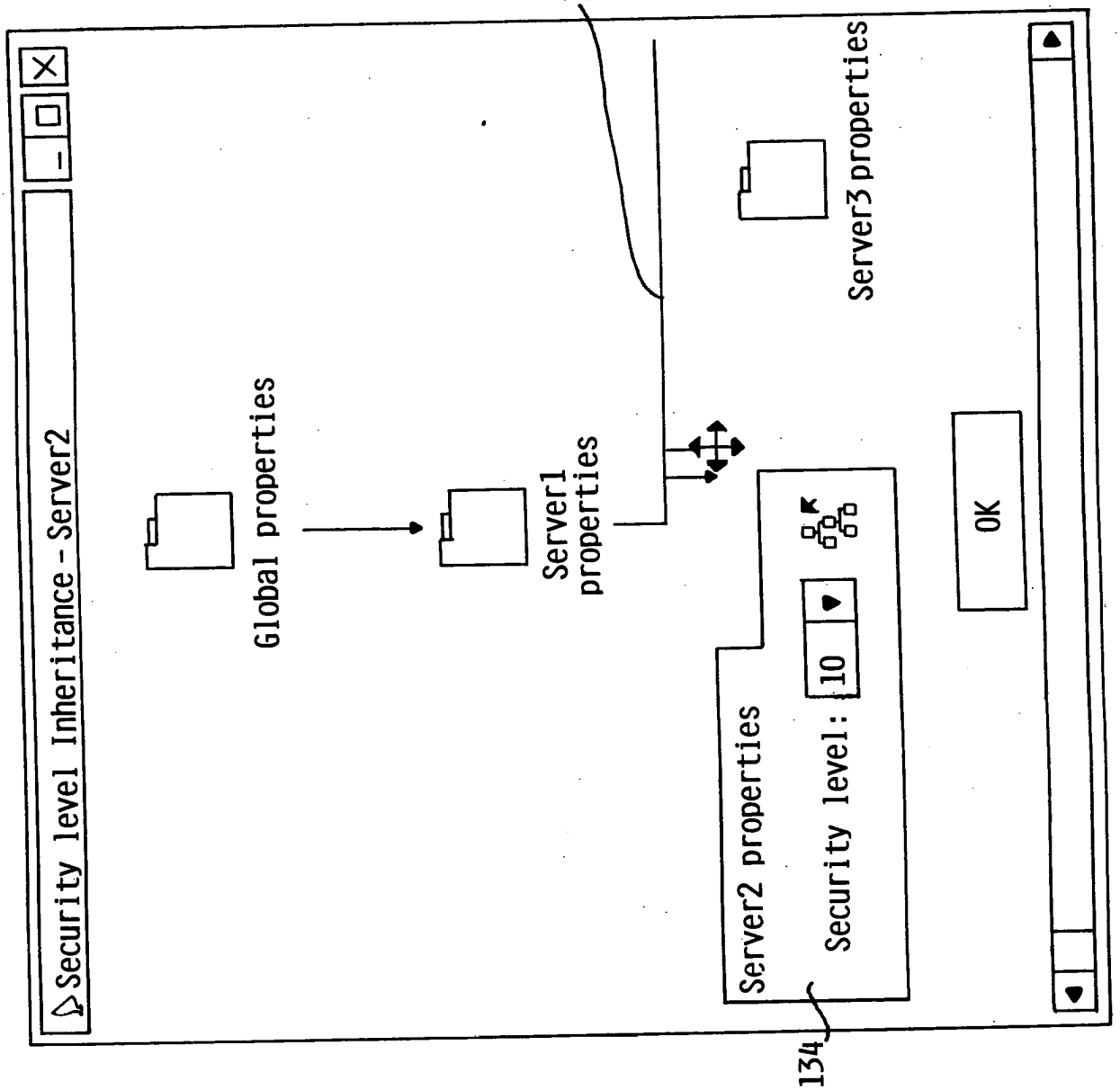
Security level Inheritance - Server2
Global properties
Server1 properties
306
Server3 properties
Server2 properties
Security level: 10
OK
134

FIG. 3C

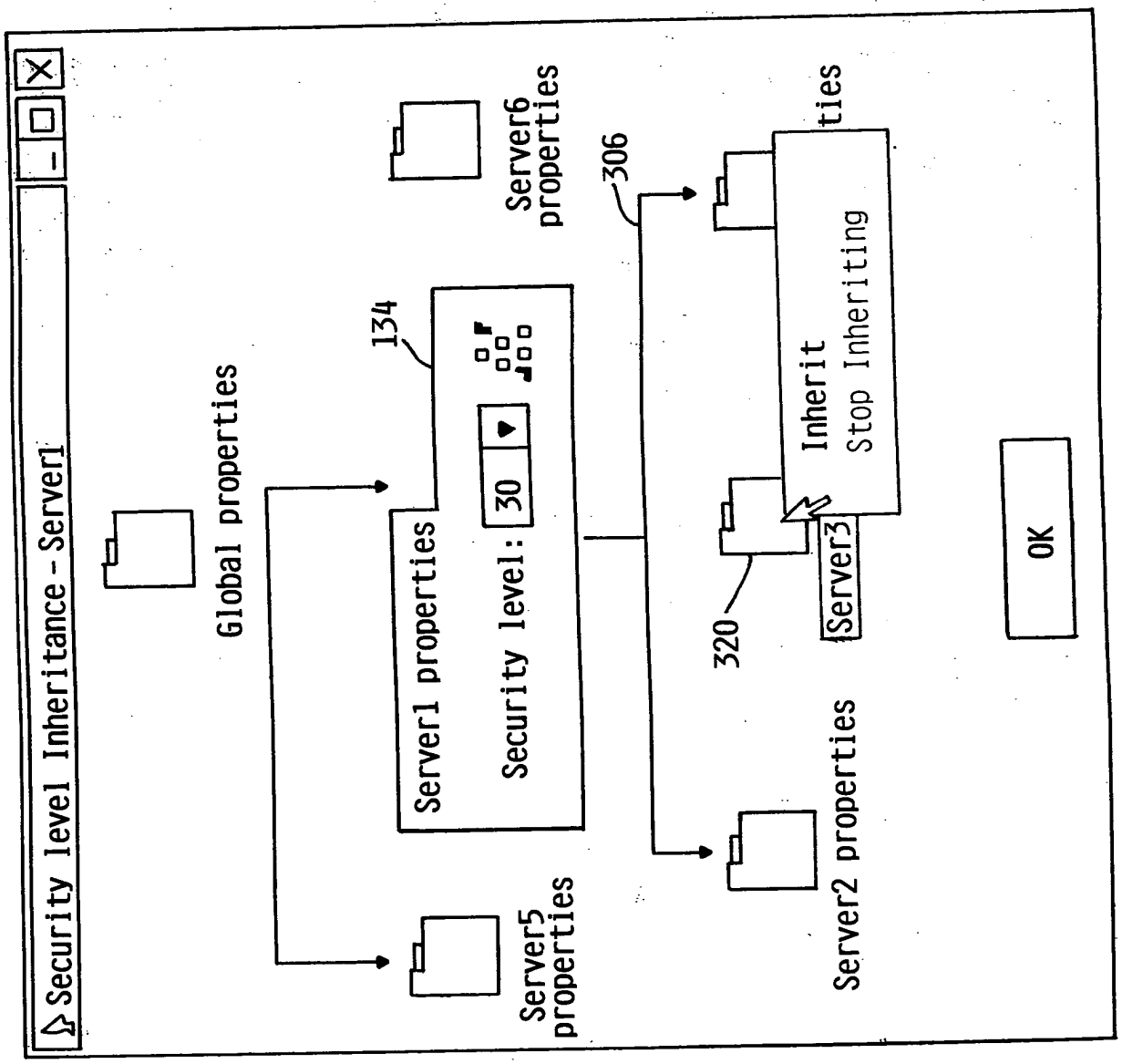
Security level Inheritance - Server1
Global properties
Server1 properties
Security level: 30
134
Server6 properties
306
ties
Inherit
Stop Inheriting
320
Server3
Server5 properties
Server2 properties
OK

FIG. 3D

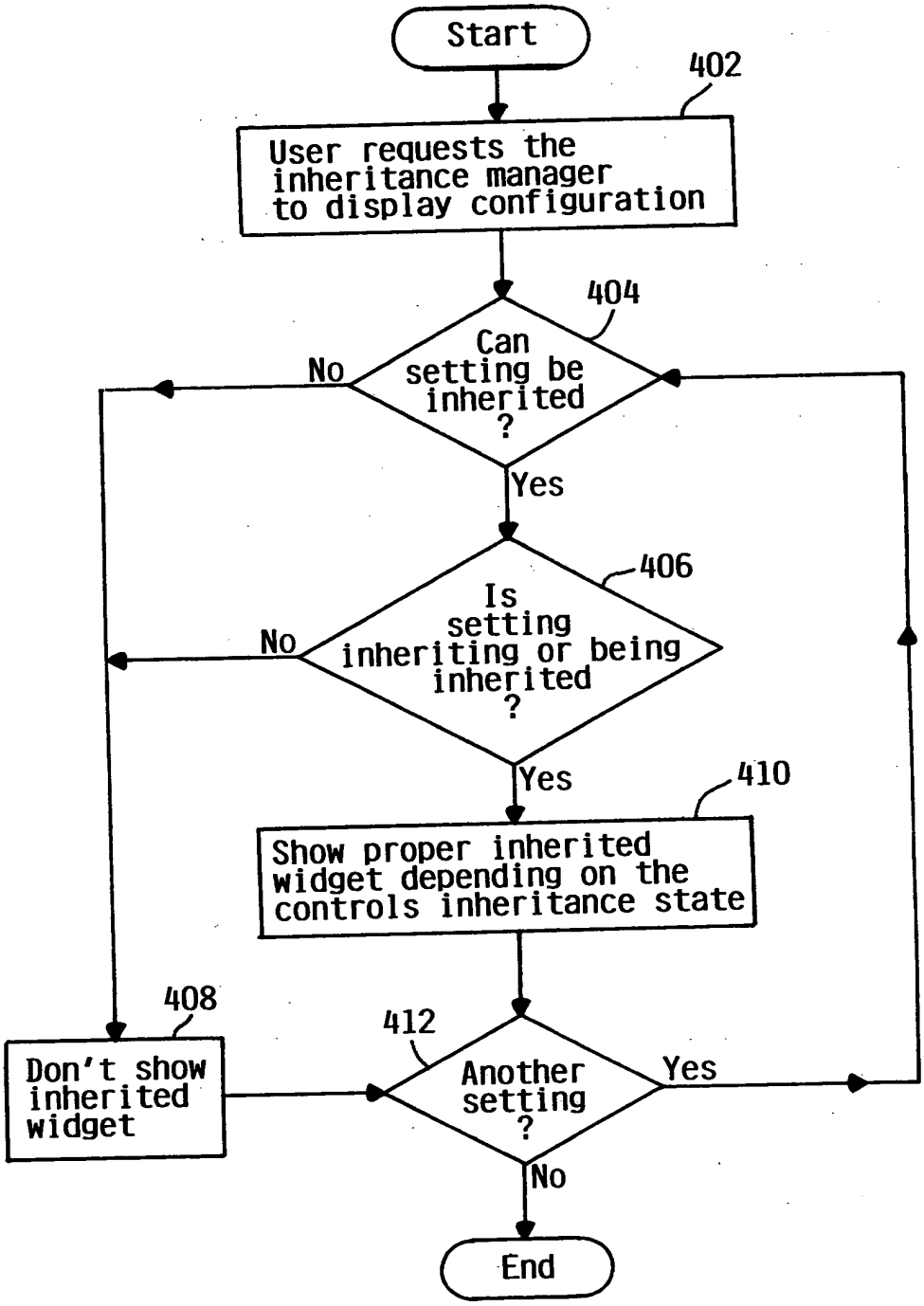
Start
402
User requests the inheritance manager to display configuration
404
Can setting be inherited ?
No
Yes
406
Is setting inheriting or being inherited ?
No
Yes
410
Show proper inherited widget depending on the controls inheritance state
408
Don't show inherited widget
412
Another setting ?
Yes
No
End

FIG. 4

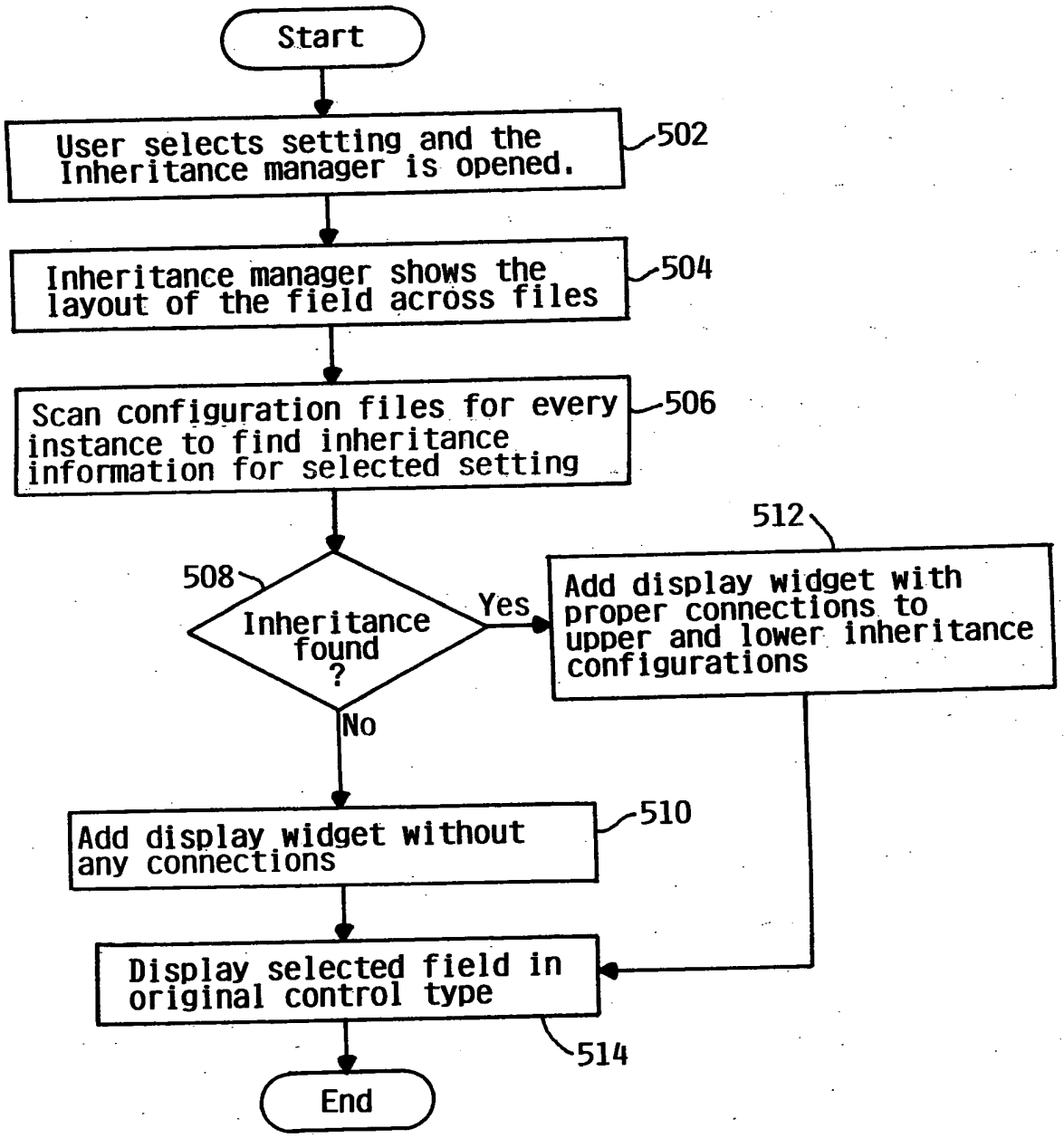
Start
User selects setting and the Inheritance manager is opened.
502
Inheritance manager shows the layout of the field across files
504
Scan configuration files for every instance to find inheritance information for selected setting
506
508
Inheritance found ?
Yes
No
512
Add display widget with proper connections to upper and lower inheritance configurations
Add display widget without any connections
510
Display selected field in original control type
514
End

FIG. 5

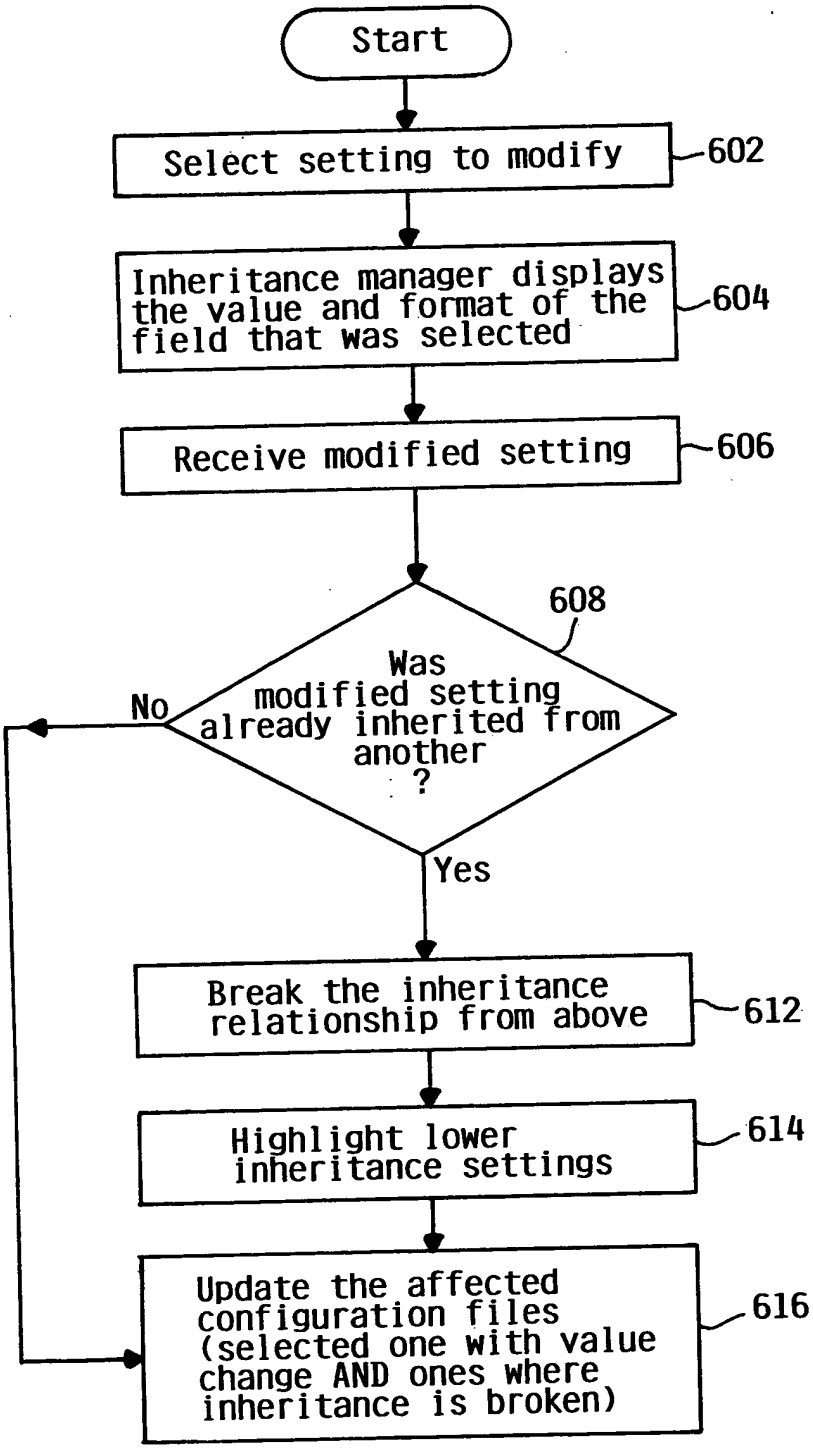
Start
Select setting to modify
602
Inheritance manager displays the value and format of the field that was selected
604
Receive modified setting
606
608
Was modified setting already inherited from another ?
No
Yes
Break the inheritance relationship from above
612
Highlight lower inheritance settings
614
Update the affected configuration files (selected one with value change AND ones where inheritance is broken)
616

FIG. 6

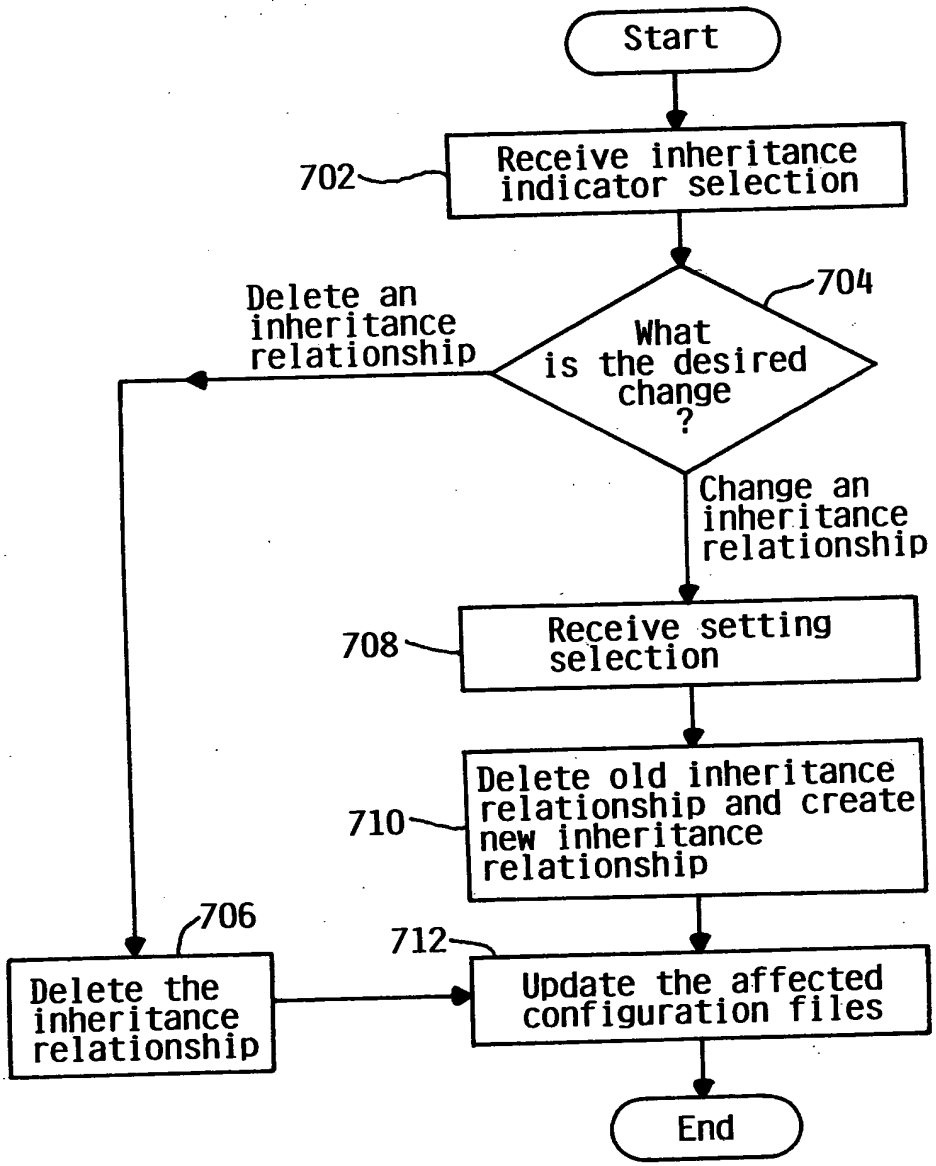
Start
Receive inheritance indicator selection
702
704
What is the desired change ?
Delete an inheritance relationship
Change an inheritance relationship
Receive setting selection
708
Delete old inheritance relationship and create new inheritance relationship
710
706
712
Delete the inheritance relationship
Update the affected configuration files
End

FIG. 7A

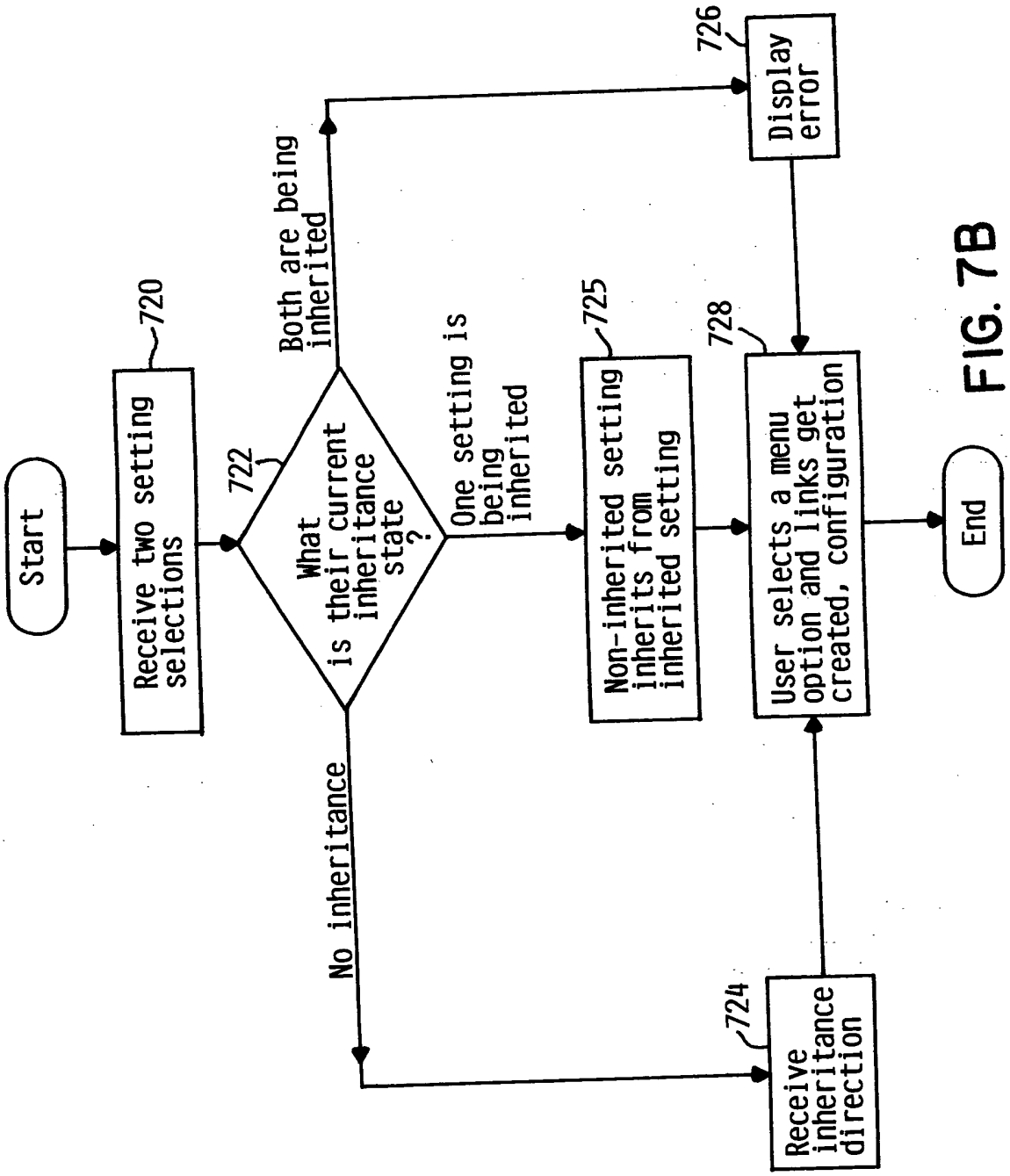
Start
Receive two setting selections
720
What is their current inheritance state ?
722
Both are being inherited
Display error
726
One setting is being inherited
Non-inherited setting inherits from inherited setting
725
No inheritance
Receive inheritance direction
724
User selects a menu option and links get created, configuration
728
End

FIG. 7B

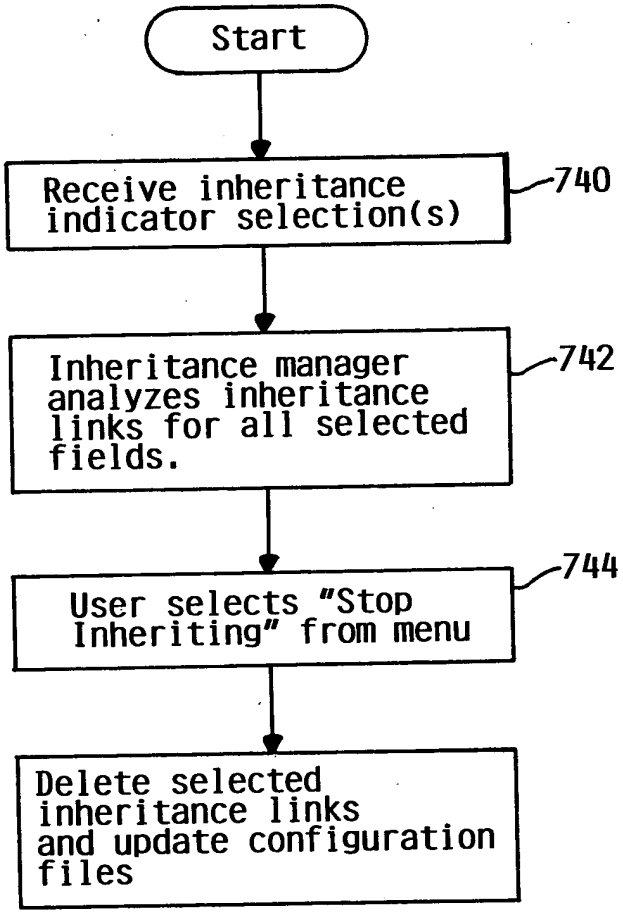
Start
Receive inheritance indicator selection(s)
740
Inheritance manager analyzes inheritance links for all selected fields.
742
User selects "Stop Inheriting" from menu
744
Delete selected inheritance links and update configuration files

FIG. 7C